

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US2004/036718

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 B22D41/18

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 B22D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 011, no. 296 (M-627), 25 September 1987 (1987-09-25) -& JP 62 089566 A (KAWASAKI STEEL CORP; others: 01), 24 April 1987 (1987-04-24) cited in the application abstract figures 1,3 -----	1-15

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

2 September 2005

Date of mailing of the international search report

09/09/2005

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US2004/036718

Patent document  
cited in search report

Publication  
date

Patent family  
member(s)

Publication  
date

JP 62089566

A

24-04-1987

NONE